

ABSTRACT

An HMD device comprising an image-generating unit for generating a polychromatic image and deflection optics comprising first and second partial optics is provided, said deflection optics projecting the image such that it is perceivable by a user wearing said HMD  
5 device, wherein the two partial optics each contain a diffractive optical unit for beam deflection, which are designed such that their dispersion errors compensate each other.